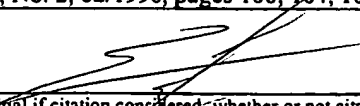
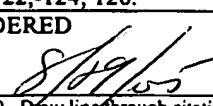
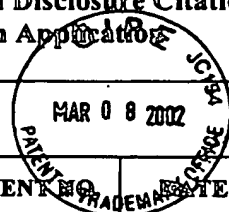


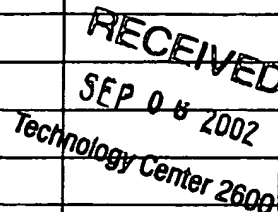
PTO-1449		Application No. 10/028,009		Applicant(s) Paul E. Doucette, et al.		
Information Disclosure Citation In an Application		Docket Number 004578.1147	Group Art Unit Unknown	Filing Date December 21, 2001		
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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	3,887,918	06/03/1975	Bailey			
B	4,688,045	08/18/1987	Knudsen			
C	4,749,995	06/07/1988	Hopwood, et al.			
D	4,886,069	12/12/1989	O'Donnell			
E	5,084,708	1/28/1992	Champeau, et al.			
F	5,223,843	06/29/1993	Hutchinson			
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L	6,031,485	02/29/2000	Cellai, et al.			
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						YES NO
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O	WO-01/67548 A2	09/13/2001	PCT			--
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R	Thompson, Rick et al., "An 8-Bit 2-Gigasample/Second A/D Converter Multichip Module for Digital Receiver Demonstration on Navy AN/APS-145 E2-C Airborne Early Warning Aircraft Radar", IEEE Trans on CPMT Part B, vol. 21, No. 4, 11/1998, pp. 447-462.					
S	Brinegar, C., et al. "Design of an Integrated RF Filter for the Direct Digitization Front End of a Dual GPS/GLONASS Software Radio Receiver", IEEE RAWCON '98 Proceedings, 8/1998, cover sheet and pp. 277-280.					
T	Ho, K.C., et al., "A Digital Quadrature Demodulation System", IEEE Trans. on AES, Vol. 32, No. 4, 10/1996, pp. 1218-1227.					
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.				8/19/05		
U.S. PATENT AND TRADEMARK OFFICE						

PTO-1449		Application No. 10/028,009		Applicant(s) Paul E. Doucette, et al.			
Information Disclosure Citation In an Application		Docket Number 004578.1147	Group Art Unit Unknown	Filing Date December 21, 2001			
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X-19	U	6,052,085	04/18/2000	Hanson, et al.			
X-18	V	6,141,371	10/31/2000	Holmes, et al.			
X-17	W	6,191,735	02/20/2001	Schineller			
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	HH						
	II						
	JJ						
	KK						
DOCUMENT (Including Author, Title, Source, Pertinent Pages, and Date)							
X-16	LL	Brown, A. et al., "Digital Downconversion Test Results with a Broadband L-Band GPS Receiver", IEEE Digital Avionics Systems Conf. 10/1994, cover sheet and pp. 426-431.					
X-15	MM	Eerola, V. et al., "Direct Conversion Using Lowpass Sigma-Delta Modulation", Proc. IEEE Int'l Symposium on Circuits and Systems, 5/1992, cover sheet and pp. 2653-2656.					
X-14	NN	Steyskal, Hans, "Digital Beamforming at Rome Laboratory", Microwave Journal, U.S. Horizon House, Dedham, vol. 176, No. 2, 02/1996, pages 100, 104, 107-8, 110, 113-4, 116, 119-120, 122, -124, 126.					
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PTO-1449 Information Disclosure Citation In an Application		Application No. 10/028,009 Docket Number 004578.1147		Applicant(s) Paul E. Doucette, et al. Group Art Unit Unknown		Filing Date December 21, 2001	
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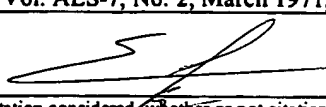
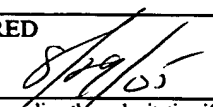


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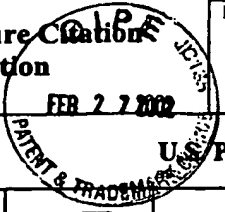
DOCUMENT (Including Author, Title, Source, Pertinent Pages, and Date)	
DDD <i>2/1</i>	U.S. Serial No. 09/519,069, filed March 3, 2000, entitled "DIGITAL PHASED ARRAY ARCHITECTURE AND ASSOCIATED METHOD", by inventor Gary A Frazier, text pages 1-31 and 3 drawing sheets. (Attorney Docket RAYT:009, case 37323).
EEE <i>2/1</i>	Wong, A.C.C., "Radar Digital Beamforming", Standard Telecommunication Laboratories, Harlow, Essex, U.K., Military Microwaves Conference 1982, 10/20/83, cover sheet and pp. 287-294.
FFF <i>2/1</i>	Caputi, William J., "Stretch: A Time-Transformation Technique", IEEE Transactions on Aerospace and Electronic Systems, Vol. AES-7, No. 2, March 1971, pp. 269-278.

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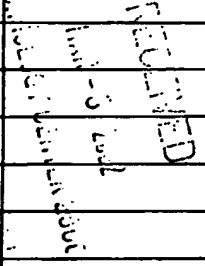
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PTO-1449 Information Disclosure Citations In an Application		Application No. 10/028,009 Docket Number 004578.1147		Applicant(s) Paul E. Doucette, et al. Group Art Unit Unknown		Filing Date December 21, 2001	
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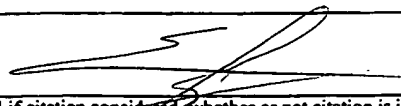


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	A	4,839,652	06/13/89	O'Donnell, et al.			
	B	4,983,970	01/08/91	O'Donnell, et al.			
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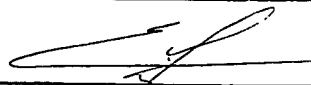
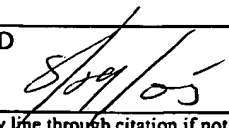


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	R U.S. Serial No. 09/567,543, filed May 5, 2000, entitled "PHASED ARRAY ANTENNA DATA RE-ALIGNMENT", by inventors G. Van Andrews, et al., 22 pages of text and 4 drawing sheets. (Attorney Docket No.004578.1005, 99E016). S T

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.
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PTO-1449 Information Disclosure Citation in an Application		Application No. Unknown Docket Number 004578.1147		Applicant(s) Doucette, Paul E., et al. Group Art Unit Unknown		Filing Date 12/21/2001	
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DOCUMENT (Including Author, Title, Source, and Pertinent Pages)							
	O	U.S. Patent Application Serial No. 09/478,035, filed January 5, 2000, by inventors James R. Toplicar et al., entitled "METHOD AND APPARATUS FOR A DIGITAL PHASED ARRAY ANTENNA". (Attorney References: 99E080; 004578.0985)					
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							
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PTO-1449	Application No. 10/028,009	Applicant(s) Paul E. Doucette, et al.	
	Docket Number 004578.1147	Group Art Unit Unknown	Filing Date December 21, 2001



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R	Brown, et al., "Digital L-Band Receiver Architecture With Direct RF Sampling", IEEE Position Location and Navigation Symposium, April 1994, pages 209-216 plus IEEE abstract sheet.
S	Song, William S., "A New 3-GSPS 65-GOPS UHF Digital Radar Receiver and Its Performance Characteristics", Thirty-First Asilomar Conference on Signals, Systems & Computers, November 1997, Vol. 2, pages 1542-1546 plus IEEE abstract sheet.
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DAL01:702405.1

PTO-1449

Application No.

10/028,009

Applicant(s)

Paul E. Doucette, et al.

**Information Disclosure Citation
In an Application**

Docket Number

004578.1147

Group Art Unit

2821

Filing Date

December 21, 2001

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25	A	5,475,392	12/12/95	Newberg, et al.	—	—	—
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FOREIGN PATENT DOCUMENTS

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25	R	Guirong, et al. "Mixer-free All Digital Quadrature Demodulation", IEEE Proceedings of the Fourth International Conference on Signal Processing (ICSP), October 12, 1998, Vol. 2, pages 1704-1707 and an index sheet.					
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